

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/450,417 11/30/99 CHIANG

M

AB

MMC1/0815

EXAMINER

MING-HUANG CHIANG
P O BOX 82-144
TAIPEI
TAIWAN

AIR MAIL

CHANG, Y

ART UNIT

PAPER NUMBER

2835

3

DATE MAILED:

08/15/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No.	Applicant(s)
	09/450,417	CHIANG, MING-HUANG
	Examiner Yean-Hsi Chang	Art Unit 2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 30 November 1999.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-4 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1,2 and 3 is/are rejected.
 7) Claim(s) 4 is/are objected to.
 8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are objected to by the Examiner.
 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved.
 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.
 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

15) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	18) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____.
16) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	19) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
17) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. 	20) <input type="checkbox"/> Other: _____

DETAILED ACTION

Claim Objections

1. Claims 1-4 are objected to because of the following informalities: The "a" in line 9 of claim 1 should be a "the", since the pivot members seem to be the same elements as the pivot members in line 3; the "a flat plan" in line 11 of claim 1 should be "a flat plane" for being appropriate in meaning; "the housing seat plates" in line 2 of claim 2 seem to be "the holding seat plate" in line 7 of claim 1, since it is in an L-shaped configuration as stated on page 6 of the specification; and the "the" in line 3 of claim 4 should not be there. Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 2-4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 2 recites the limitation "the lower edge" in lines 3-4. There is insufficient antecedent basis for this limitation in the claim.

Claim 3 recites the limitation "the lateral edge" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 4 recites the limitation "the bottom section" in lines 2-3. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1 and 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barrett et al. (US 5,810,459) in view of Murphy (US 4,979,075).

Barrett teaches a structure comprising:

- a front side board (26b, fig. 1), a rear side board (28b, fig. 1), a top side board (16, fig. 1), a bottom side board (14, fig. 1), a left side board (18b, fig. 1), and a right side board (20b, fig. 1)
- a plurality of pivot members (58b, fig. 3)
- a plurality of securing seat plates (31, 181, fig. 9)
- a holding seat plate (160, 118, fig. 8) having a plurality of disc (168b, fig. 8) and slots (128, fig. 8)

Barrett fails to teach a plurality of securing plates being provided on the front side board and a holding plate being disposed on the rear side board. However, Murphy teaches a plurality of securing seat plates (side boards of 104, fig. 1) provided on a front side board of a computer housing for disk drives, and a holding seat plate (not numbered, fig. 1) disposed on a rear side board of the computer housing for a power source supply (105, fig. 1). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Barrett with a plurality of securing seat plates and a holding seat plate taught by Murphy such that the disk drives can be accessed from the front of the computer housing.

6. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Barrett et al. in view of Taylor et al. (US 4,836,626).

Barret discloses the claimed invention except the pivot members being hinges. However, Taylor teaches a plurality of pivot members being hinges (88, fig. 18). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Barrett with the hinges taught by Taylor such that the side boards can be swung open and close while being attached.

Allowable Subject Matter

7. Claim 4 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: The best prior art of record, Barrett et al. (US 5,810,459) and Murphy (US 4,979,075), taken alone or in combination fails to teach or fairly suggest a structure of a computer comprising: side boards; a plurality of pivot members hingedly disposed along edges of the side boards; and a power source supply being provided with an engaging rod at each bottom section of lateral sides thereof as set forth in claim 4.

Correspondence

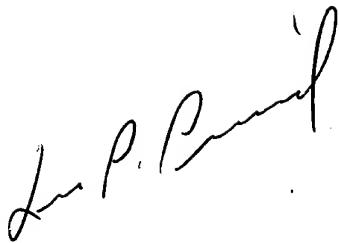
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (703) 306-5798. The examiner can normally be reached on 07:30-16:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on (703) 308-0538. The fax phone number for the organization where this application or proceeding is assigned are (703) 305-3431 for regular communications and for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 305-8558.

Art Unit: 2835

Yean-Hsi Chang
Patent Examiner
Art Unit: 2835
August 6, 2001



Leo P. Picard
Supervisory Patent Examiner
Technology Center 2800